

Appl. No.: 10/606,131
Reply to Office Action of: 08/10/2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel claim 2 without prejudice.

Listing of Claims:

1. (Currently amended) A display device comprising:

a first electrode;

a liquid crystal layer positioned under and connected to the first electrode;

a second electrode;

a switchable optical layer, having in use either a transparent state or a non transparent state and being electrically switchable between the transparent state and the non transparent state, wherein the non transparent state is a reflective state and the switchable optical layer is positioned above and connected to the second electrode; and,

a third electrode positioned between the liquid crystal layer and the switchable optical layer.

2. (Cancelled)

3. (Cancelled)

Appl. No.: 10/606,131
Reply to Office Action of: 08/10/2006

4. (Previously presented) A display device as claimed in claim 1 wherein the first electrode is pixellated and has associated pixel switches.
5. (Cancelled)
6. (Previously presented) A display device as claimed in claim 1 wherein the switchable optical layer is arranged to be switched as a whole.
7. (Previously presented) A display device as claimed in claim 1 wherein the first electrode is a pixellated transparent electrode comprising a plurality of distinct electrodes.
8. (Original) A display device as claimed in claim 7 further comprising pixel switches positioned above the pixellated transparent electrode, such that each one of the pixel switches is connected to one of the plurality of distinct electrodes.
9. (Previously presented) A display device as claimed in claim 1 wherein the second and third electrodes are unitary electrodes.
10. (Original) A display device as claimed in claim 9 wherein the unitary electrodes are transparent.
11. (Previously presented) A display device as claimed in claim 1 further comprising a first polariser positioned above the first electrode, a second polariser, crossed with the first polariser, positioned under the second electrode, and a backlight positioned under the second polariser.

Appl. No.: 10/606,131
Reply to Office Action of: 08/10/2006

12. (Previously presented) A display device as claimed in claim 1 further comprising control means arranged to vary the voltage across the switchable optical layer and to control a backlight.

13-16. (Cancelled)

17. (Previously presented) A display device as claimed in claim 1 wherein the third electrode is transparent.

18-19. (Cancelled)

20. (Original) A mobile device comprising a power supply and a display device, as claimed in claim 1.

21. (Currently amended) A method of controlling a display device comprising a liquid crystal layer, ~~and~~ an underlying switchable optical layer which is either uniformly transparent or uniformly reflective, a first electrode positioned between and shared by the liquid crystal layer and the switchable optical layer, to operate in a first mode by:

selectively controlling portions of the liquid crystal layer and

uniformly maintaining the switchable optical layer in a transparent state using the first electrode, and

to operate in a second mode by:

selectively controlling portions of the liquid crystal layer and

Appl. No.: 10/606,131
Reply to Office Action of: 08/10/2006

uniformly maintaining the switchable optical layer
in a reflective state using the first electrode.

22-24. (Cancelled)